

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on line 8 of page 5 and ending on line 4 of page 6 of the subject Specification as follows:

Reference will now be made in detail to the present embodiments of the invention, examples of which are illustrated in the accompanying drawings. Similar or identical structure in the drawings will be identified by identical callouts. Turning now to the figures, FIG. 1a is a schematic representation of a side view of one embodiment of the apparatus of the present invention showing enclosure, **10**, having horizontal tabs, **12**, projecting into its interior in such a manner that the number and location of these tabs can be determined by tab sensing elements, **14**, located on printed circuit board, **16**, inserted into slot, **18**, of the enclosure. Guides, **20a** and **20b** insure proper alignment of printed circuit board **16** in enclosure **10**. In the embodiment shown in FIG. 1a, sensing element **14** includes a photodetector which detects the presence or absence of light generated by light source, **22**. Light source **22** can be supported by wall, **24**, of enclosure **10**, the same wall which supports tabs **12**, and powered externally to by light source power supply, **26**, in printed circuit board **16** enclosure **10**, or supported by printed circuit board **16** and powered by a light source power supply, **26**, as shown located on printed circuit board **16** (not shown in FIG. 1a). Light source **22** may be a light emitting diode, and photodetector **14** may be a photocell or a charge-coupled detector, as examples. In operation, all of the light sources would be illuminated such that light detected by sensing elements **22** depends on whether a tab **12** is blocking the pathway between light source **22** and sensing element **14**. It should be mentioned that the tab can simply reduce the signal reaching the sensing element, rather than blocking it. A single charge-coupled detector might be utilized to detect the pattern. The detected light pattern is a binary representation of the identity of slot **18**, and permits printed circuit board **16** to adjust its function in accordance with this pattern using controller or processor, **28**, which receives the light pattern detected by sensing

elements **14** and selects the operation of printed circuit board **16** in accordance therewith. As stated, and without limiting the present invention, printed circuit board **16** can be a data storage module, and enclosure **10** may include a plurality of slots **18**. The function of circuit boards having identical hardware is directed by firmware responsive to the identity of the slot or bin in which the circuit board is inserted.